

DEPARTMENT OF JUSTICE

Bureau of Alcohol, Tobacco, Firearms, and Explosives

[Docket No. 2022N-11]

Commerce in Explosives; 2022 Annual List of Explosive Materials

AGENCY: Bureau of Alcohol, Tobacco, Firearms, and Explosives (ATF); Department of Justice.

ACTION: Notice of list of explosive materials.

SUMMARY: This notice publishes the 2022 List of Explosive Materials, as required by law. The 2022 list is the same as the 2021 list published by ATF.

DATES: The list becomes effective [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER]:

FOR FURTHER INFORMATION, CONTACT: Marianna Mitchem, Chief; Firearms and Explosives Industry Division; Bureau of Alcohol, Tobacco, Firearms, and Explosives; United States Department of Justice; 99 New York Avenue, N.E., Washington, D.C. 20226; (202) 648-7120.

SUPPLEMENTARY INFORMATION:

Pursuant to 18 U.S.C. 841(d) and 27 CFR 555.23, the Department of Justice must publish and revise at least annually in the *Federal Register* a list of explosives determined to be within the coverage of 18 U.S.C. 841 *et seq*. The list covers not only explosives, but also blasting agents and detonators, all of which are defined as "explosive materials" in 18 U.S.C. 841(c).

Each material listed, as well as all mixtures containing any of these materials, constitute "explosive materials" under 18 U.S.C. 841(c). Materials constituting blasting agents are marked by an asterisk. Explosive materials are listed alphabetically, and, where applicable, followed by their common names, chemical names, and/or synonyms

in brackets. This list supersedes the List of Explosive Materials published in the *Federal Register* on December 23, 2021 (Docket No. 2021R-01, 86 FR 72996). However, the explosive materials on this list are the same as those on the 2021 Annual List of Explosive Materials.

The 2022 List of Explosive Materials is a comprehensive list, but is not all-inclusive. The definition of "explosive materials" includes "[e]xplosives, blasting agents, water gels and detonators. Explosive materials, include, but are not limited to, all items in the 'List of Explosive Materials' provided for in § 555.23." 27 CFR 555.11.

Accordingly, the fact that an explosive material is not on the annual list does not mean that it is not within coverage of the law if it otherwise meets the statutory definition of "explosives" in 18 U.S.C. 841(d) and (j). Subject to limited exceptions in 18 U.S.C. 845 and 27 CFR 555.141, only Federal explosives licensees and permittees may possess and use explosive materials, including those on the annual list.

Notice of the 2022 Annual List of Explosive Materials

Pursuant to 18 U.S.C. 841(d) and 27 CFR 555.23, I hereby designate the following as "explosive materials" covered under 18 U.S.C. 841(c):

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Acetylides of heavy metals.

Aluminum containing polymeric propellant.

Aluminum ophorite explosive.

Amatex.

Amatol.

Ammonal.

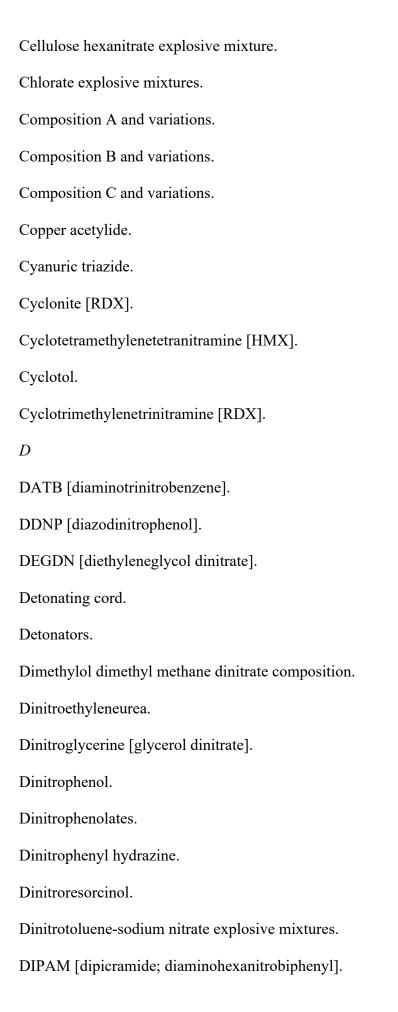
Ammonium nitrate explosive mixtures (cap sensitive).

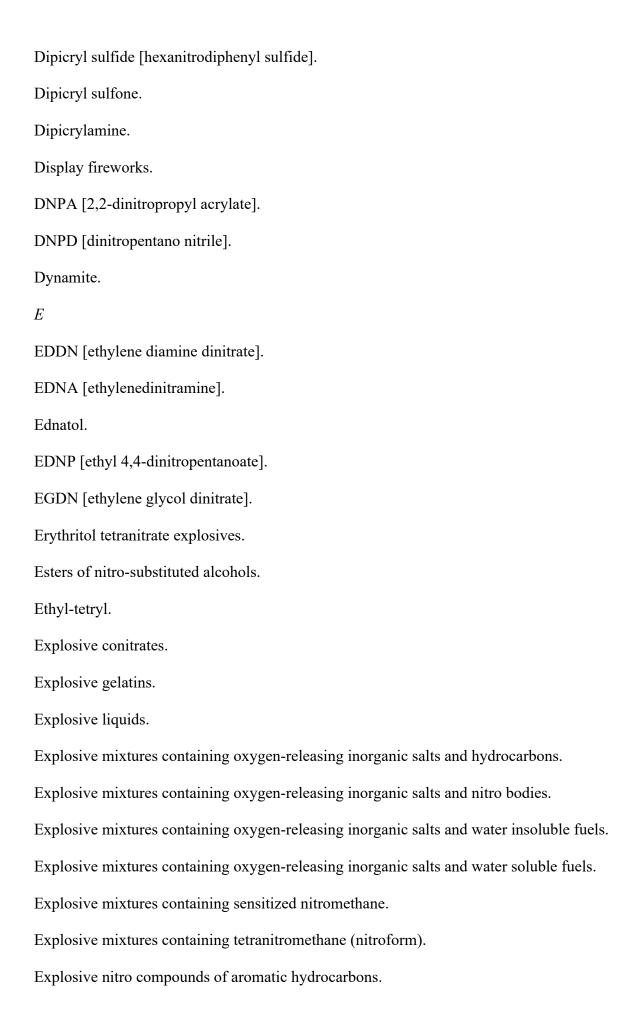
*Ammonium nitrate explosive mixtures (non-cap sensitive).

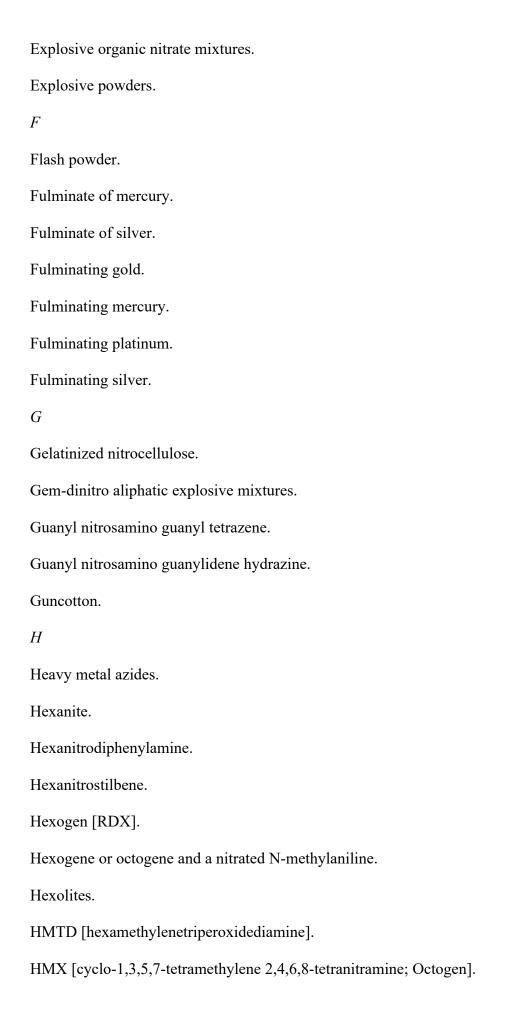
Ammonium perchlorate having particle size less than 15 microns.

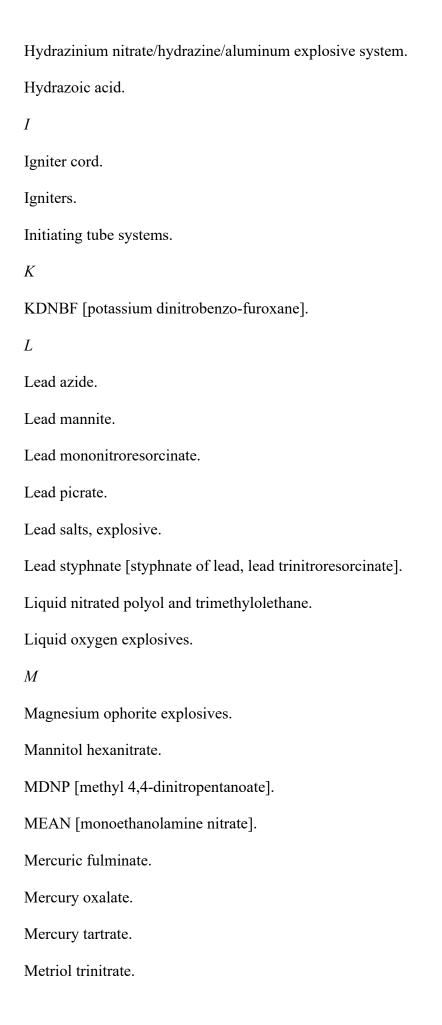
Ammonium perchlorate explosive mixtures (excluding ammonium perchlorate composite propellant (APCP)). Ammonium picrate [picrate of ammonia, Explosive D]. Ammonium salt lattice with isomorphously substituted inorganic salts. *ANFO [ammonium nitrate-fuel oil]. Aromatic nitro-compound explosive mixtures. Azide explosives. В Baranol. Baratol. BEAF [1, 2-bis (2, 2-difluoro-2-nitroacetoxyethane)]. Black powder. Black powder based explosive mixtures. Black powder substitutes. *Blasting agents, nitro-carbo-nitrates, including non-cap sensitive slurry and water gel explosives. Blasting caps. Blasting gelatin. Blasting powder. BTNEC [bis (trinitroethyl) carbonate]. BTNEN [bis (trinitroethyl) nitramine]. BTTN [1,2,4 butanetriol trinitrate]. Bulk salutes. Butyl tetryl. C

Calcium nitrate explosive mixture.

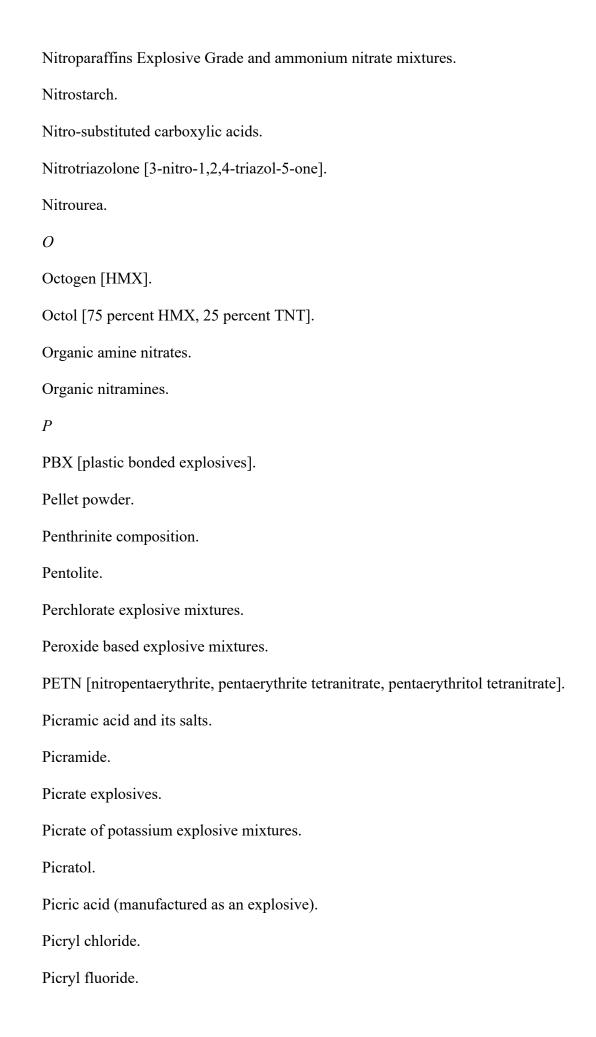






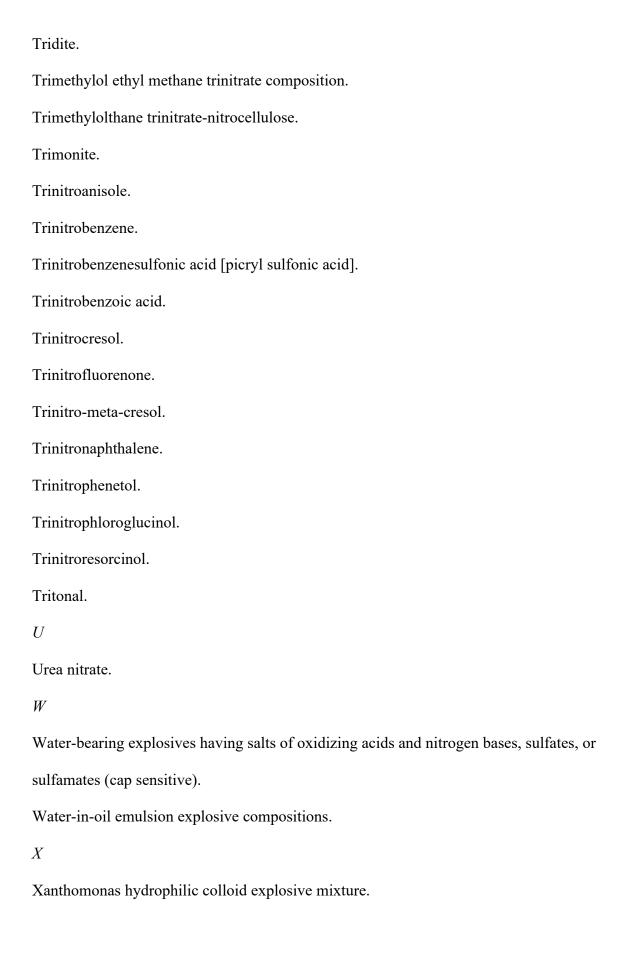


Minol-2 [40% TNT, 40% ammonium nitrate, 20% aluminum]. MMAN [monomethylamine nitrate]; methylamine nitrate. Mononitrotoluene-nitroglycerin mixture. Monopropellants. N NIBTN [nitroisobutametriol trinitrate]. Nitrate explosive mixtures. Nitrate sensitized with gelled nitroparaffin. Nitrated carbohydrate explosive. Nitrated glucoside explosive. Nitrated polyhydric alcohol explosives. Nitric acid and a nitro aromatic compound explosive. Nitric acid and carboxylic fuel explosive. Nitric acid explosive mixtures. Nitro aromatic explosive mixtures. Nitro compounds of furane explosive mixtures. Nitrocellulose explosive. Nitroderivative of urea explosive mixture. Nitrogelatin explosive. Nitrogen trichloride. Nitrogen tri-iodide. Nitroglycerine [NG, RNG, nitro, glyceryl trinitrate, trinitroglycerine]. Nitroglycide. Nitroglycol [ethylene glycol dinitrate, EGDN]. Nitroguanidine explosives. Nitronium perchlorate propellant mixtures.



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PLX [95% nitromethane, 5% ethylenediamine].
Polynitro aliphatic compounds.
Polyolpolynitrate-nitrocellulose explosive gels.
Potassium chlorate and lead sulfocyanate explosive.
Potassium nitrate explosive mixtures.
Potassium nitroaminotetrazole.
Pyrotechnic compositions.
Pyrotechnic fuses.
PYX [2,6-bis(picrylamino)] 3,5-dinitropyridine.
R
RDX [cyclonite, hexogen, T4, cyclo-1,3,5,-trimethylene-2,4,6,-trinitramine; hexahydro-
1,3,5-trinitro-S-triazine].
S
Safety fuse.
Salts of organic amino sulfonic acid explosive mixture.
Salutes (bulk).
Silver acetylide.
Silver azide.
Silver fulminate.
Silver oxalate explosive mixtures.
Silver styphnate.
Silver tartrate explosive mixtures.
Silver tetrazene.
Slurried explosive mixtures of water, inorganic oxidizing salt, gelling agent, fuel, and
sensitizer (cap sensitive).
Smokeless powder.
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Sodatol.
Sodium amatol.
Sodium azide explosive mixture.
Sodium dinitro-ortho-cresolate.
Sodium nitrate explosive mixtures.
Sodium nitrate-potassium nitrate explosive mixture.
Sodium picramate.
Squibs.
Styphnic acid explosives.
T
Tacot [tetranitro-2,3,5,6-dibenzo-1,3a,4,6a tetrazapentalene].
TATB [triaminotrinitrobenzene].
TATP [triacetonetriperoxide].
TEGDN [triethylene glycol dinitrate].
Tetranitrocarbazole.
Tetrazene [tetrazene, tetrazine, 1(5-tetrazolyl)-4-guanyl tetrazene hydrate].
Tetrazole explosives.
Tetryl [2,4,6 tetranitro-N-methylaniline].
Tetrytol.
Thickened inorganic oxidizer salt slurried explosive mixture.
TMETN [trimethylolethane trinitrate].
TNEF [trinitroethyl formal].
TNEOC [trinitroethylorthocarbonate].
TNEOF [trinitroethylorthoformate].
TNT [trinitrotoluene, trotyl, trilite, triton].
Torpex.
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Dated: December 12, 2022.

Steven M. Dettelbach,

Director.

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